

WHAT IS CLAIMED IS

- 1) A wheeled vehicle comprising:
 - a) a frame;
 - b) at least one front wheel disposed on the frame;
 - c) at least one rear wheel disposed on the frame;
 - d) a seat disposed on the frame;
 - e) an engine connected to the frame via an engine mount, the engine having an output shaft; and
 - f) a second shaft supported by the engine mount, the second shaft being operatively connected to the output shaft.
- 2) A wheeled vehicle as claimed in claim 1, wherein the engine mount further comprises a bearing supporting the second shaft.
- 3) A wheeled vehicle as claimed in claim 1, further comprising a continuously variable transmission driven pulley disposed on the second shaft.
- 4) A wheeled vehicle as claimed in claim 1, further comprising a sprocket disposed on the second shaft.
- 5) A wheeled vehicle as claimed in claim 1, wherein the engine mount isolates the frame from vibration generated by the engine.
- 6) A wheeled vehicle as claimed in claim 1, further comprising a speed reduction mechanism connected to the engine mount.
- 7) A wheeled vehicle as claimed in claim 6, wherein the speed reduction mechanism comprises at least one gear.

- 8) A wheeled vehicle as claimed in claim 3, wherein the engine mount is located between the continuously variable transmission driven pulley and a sprocket disposed on the second shaft.
- 9) A wheeled vehicle as claimed in claim 1, wherein the vehicle has less than four wheels.
- 10) A wheeled vehicle as claimed in claim 1, wherein the engine mount is disposed between the engine and the rear wheel.
- 11) A wheeled vehicle comprising:
 - a) a frame;
 - b) at least one front wheel disposed on the frame;
 - c) at least one rear wheel disposed on the frame;
 - d) a seat disposed on the frame;
 - e) an engine mount connected to the frame;
 - f) an engine connected to the engine mount, the engine having an output shaft; and
 - g) a speed reduction mechanism connected to the engine mount, the speed reduction mechanism having an input shaft and an output shaft.
- 12) A wheeled vehicle as claimed in claim 11, wherein the wheeled vehicle comprises less than four wheels.
- 13) A wheeled vehicle as claimed in claim 12, further including a continuously variable transmission having a drive pulley operatively connected to the engine output shaft and a driven pulley connected to the speed reduction mechanism input shaft.
- 14) A wheeled vehicle as claimed in claim 13, further including a rear suspension pivotally connected to the frame, the connection defining an axis, the speed reduction mechanism output shaft being substantially aligned with the axis.
- 15) A wheeled vehicle as claimed in claim 11, wherein the engine mount isolates the frame from vibration generated by the engine.

16) A wheeled vehicle comprising:

- a) a frame;
- b) one front wheel disposed on the frame;
- c) one rear wheel disposed on the frame;
- d) a straddle-type seat disposed on the frame;
- e) a handlebar disposed on the frame, the handlebar being operatively connected to the front wheel to steer the wheeled vehicle;
- f) an engine mount connected to the frame;
- g) an engine connected to the engine mount, the engine having an output shaft; and
- h) a speed reduction mechanism connected to the engine mount, the speed reduction mechanism having an input shaft and an output shaft.

17) A wheeled vehicle as claimed in claim 16, further including a continuously variable transmission having a drive pulley operatively connected to the engine output shaft and a driven pulley connected to the speed reduction mechanism input shaft.

18) A wheeled vehicle as claimed in claim 16, further including a rear suspension pivotally connected to the frame, the connection defining an axis, the speed reduction mechanism output shaft being substantially aligned with the axis.

19) A wheeled vehicle as claimed in claim 16, wherein the engine mount isolates the frame from vibration generated by the engine.